



# Weekly Construction Report

## Hatchery Creek Design/Build Project



<b>Week:</b>	September 1 – 6, 2014	<b>Project No:</b>	1305
<b>Rain Days/Weather Conditions:</b>	Rained 1.4" Sunday night & 0.2" on Tuesday (Burkesville gauge).		
<b>Personnel on-site:</b>	<i>EcoGro/Ridgewater:</i> John Arthur, Tony Berry, Tom Cutter, Eric Dawalt, Jim Hanssen, John Linder, Chad Relinski, Brad Redmon, Russ Turpin. <i>Stantec:</i> George Athanasakes (Wednesday) for site visit and Monthly Progress Meeting		
<b>Equipment on-site:</b>	Komatsu PC 160 w/ hyd. thumb, PC 360 w/ hyd. thumb, Terex TA27, Bobcat T300		
<b>Material deliveries to project site:</b>	<ul style="list-style-type: none"> <li>~40 ton spawning gravel</li> </ul>		
<b>Work performed this week:</b>	<ul style="list-style-type: none"> <li>Met with KDFWR Project Manager Andy Mowrey for Monthly On-site Progress Meeting.</li> <li>Screened rock (6"+) from Corps disposal area for 2½ days.</li> <li>Excavated and built 300' of main channel and finished adjacent braids:               <ul style="list-style-type: none"> <li>Sta. 149+40 to 152+40.</li> </ul> </li> <li>Excavated channel from 147+00 to 149+00 and started building adjacent floodplain berm.</li> <li>Installed ~150' of groundwater cutoff trench/wall (up to 15' below existing grade) with plastic liner and clay in sandy soil area from LT St. 144+00 to 145+50 to reduce loss of Hatchery Creek stream flow.</li> <li>Cleared trees in excavation areas from Rt. Sta. 113+50 to 116+75 and Sta. 106+60 to 109+00.</li> <li>Removed (cut) invasive species (mostly autumn olive) within PPC from ~Sta. 121+00 to 138+00, and from ~Sta. 106+40 to 109+00.</li> <li>Finished redesigning step pool alignment and profile due to new survey data at tie-in to Cumberland River. Sent CAD files to Corps Engineering personnel.</li> </ul>		
<b>Erosion &amp; sediment controls installed:</b>	<ul style="list-style-type: none"> <li>❖ Installed temporary seed on all disturbed areas downstream of Campground Road, including Corps Excavation Sites 1-4.</li> </ul>		
<b>Work scheduled for next week:</b>	<ul style="list-style-type: none"> <li>✎ Finish channel construction from 146+50 to 149+00, leaving road open at 149+00 for vehicle access until Corps excavation is finished.</li> <li>✎ Start constructing braided "D" channel from 135+00 to 141+00.</li> <li>✎ Continue removing (cutting) invasive species.</li> <li>✎ Start delivering boulders for step pools.</li> </ul>		
<b>Work planned for two weeks ahead:</b>	<ul style="list-style-type: none"> <li>✎ Construct "D" channel from 129+00 to 141+00.</li> <li>✎ Continue invasives removal (cutting).</li> <li>✎ Continue delivering boulders for step pools.</li> </ul>		
<b>General Comments:</b>	<ul style="list-style-type: none"> <li>➤ Corps excavation sites are completely cleared of trees and ready for Corps contractor to begin excavation.</li> </ul>		
<b>Prepared by:</b> Eric Dawalt, P.E.	<b>Date:</b> 9-8-14		



# Weekly Construction Report

## Hatchery Creek Design/Build Project



Pictures from this week's construction:



***Sand layer (light brown) below clay layer (dark brown) in excavation area for new stream channel (looking left at ~Sta. 147+00).***



***Installing plastic liner and clay fill in groundwater cutoff trench/wall to reduce loss of stream flow due to sand layer (looking downstream ~LT Sta. 145+00).***





# Weekly Construction Report

## Hatchery Creek Design/Build Project



***Excavated channel (looking upstream from ~Sta. 148+50).***



***Constructed channel (looking downstream ~Sta. 151+00).***





# Weekly Construction Report

## Hatchery Creek Design/Build Project



***Constructed pool with overhanging habitat structure of wood and rock (looking downstream at outer bank).***